

Ordersheet




## Series 84 – IO-Link Touch.

*Hardware and software parameter.*

## I. Housing of IO-Link Touch Series 84

The new product Series 84 IO-Link Touch is currently available in two housing versions.

Please select the desired version from the following list:

<input type="checkbox"/>		<b>O-Link Touch Standard</b> <ul style="list-style-type: none"><li>▪ With softgrip-ring made of TPU</li><li>▪ With four lateral light spots for optimal visibility of the IO-Link Touch also from the side</li></ul>
<input type="checkbox"/>		<b>O-Link Touch Stainless Steel</b> <ul style="list-style-type: none"><li>▪ Housing made of stainless steel (V4A)</li></ul>
<input type="checkbox"/>		<b>O-Link Touch Hygienic</b> <ul style="list-style-type: none"><li>▪ Housing made of stainless steel (V4A)</li><li>▪ EDHG certification</li></ul>

## 2. Connection

Currently only the connection type “connector M12” is available for IO-Link Touch Series 84.

## 3. Symbol on the IO-Link Touch surface

For the IO-Link Touch pushbutton Series 84 IO-Link Touch two symbol types are currently available:

- Non backlit symbols (“C symbols”)
- Backlit symbols (“B symbols”)

A detailed description of these two symbol types and an overview of the currently available symbols can be found in the catalogue.

Symbol number:

## 4. Configuration of parameters

In the following you can configure the setting parameters according to your needs. These parameters can be adjusted later at any time via an IO-Link Master according to your needs!

### Sensitivity

- ☐ Low
- ☐ Middle (standard)
- ☐ High

### Switching function

- ☐ Dynamic  
The output signal is limited to a certain activation time [see configuration item “Minimum output pulse (ms)”].

- ☐ Static  
No time limitation of the output signal (activation time = output signal time)
- ☐ Toggle/Flip Flop  
High output signal when activated, low output signal when reactivated (“light switch effect”)

### Water resistance

- ☐ Basic (standard)
- ☐ Enhanced
- ☐ Ultimate

### Minimum activation time (ms)

This parameter defines the delay in (ms) after activation. The default value is 0 ms.

ms

### Minimum activation time Off (ms) (Toggle Off)

This parameter defines the delay in (ms) after activation to switch off.

This function can only be used in toggle mode!

ms

### Minimum output pulse (ms)

This parameter defines the minimum pulse time in (ms) after activation.

This works for the dynamic mode as also for the static mode. The default setting is 300 ms.

ms

### Output mode

- ☐ Normally Open (NO) (Standard)
- ☐ Normally Closed (NC)

### Transistor

- ☐ PNP (Standard)
- ☐ NPN

### Adaptive brightness

This parameter activates the adaptive brightness mode.

Depending on the brightness of the ambient light the LED brightness is automatically adjusted.

- ☐ Yes
- ☐ No

### LED minimum brightness

This parameter defines minimum brightness of the LED.

Selectable between 0 (minimum) ... 100 (maximum).

(Please select a value in combination with adaptive brightness of max. 50)

### Input logic levels

This parameter is used to select the voltage level for activating inputs E1 or E2 (LED control). "High" is activated at voltage levels around the operating voltage (VDD). "Low" is activated at voltage levels around 0V (GND). "Analog" is used for dimming.

- ☐ Active Low
- ☐ Active High (Standard)
- ☐ Active Low High
- ☐ Analog

## 5. LED-control

- ☐ Classic two LED-mode  
Control selected colors
- ☐ Automatic scene selection  
Selection of one of the 8 LED scenes by E1/E2 and actuation.
- ☐ Scene controlled by process data  
Select one of 8 LED scenes by process data
- ☐ Advanced control by process data  
Direct control of LED color, effect and brightness

### Classic two LED-mode

With the selection of the LED-control you determine whether you want to control none, one or both colors (operation/switching state) of the LED ring from external.

- ☐ Automatic  
When the operating surface is touched, LED1 goes off and LED2 lights up
- ☐ Semi-Automatic  
LED1 can be controlled separately. When the operating surface is touched, LED1 goes off automatically and LED2 lights up
- ☐ Manual  
Both LED1 and LED2 can be controlled separately

The IO-Link Touch Series 84 have an LED ring, which can be individually preset in the colors according to your wishes. Please select the desired colors from the following lists.

### LED color idle (LED1)

- ☐ Select color  
R ☐ G ☐ B ☐

### LED mode idle

- ☐ Static LED-Ring
- ☐ Flashing LED-Ring
- ☐ Pulsing ring

### LED color touched (LED2)

- ☐ Select color  
R ☐ G ☐ B ☐

### LED mode touched

- ☐ Static LED-Ring
- ☐ Flashing LED-Ring
- ☐ Pulsing ring

## Automatic scene selection/Scene controlled by process data

Scene 1	Select color
<input type="text"/>	Select LED mode
<input type="text"/>	Please fill pulse/flashing frequency from 0.1 to 6 Hz
Scene 2	Select color
<input type="text"/>	Select LED mode
<input type="text"/>	Please fill pulse/flashing frequency from 0.1 to 6 Hz
Scene 3	Select color
<input type="text"/>	Select LED mode
<input type="text"/>	Please fill pulse/flashing frequency from 0.1 to 6 Hz
Scene 4	Select color
<input type="text"/>	Select LED mode
<input type="text"/>	Please fill pulse/flashing frequency from 0.1 to 6 Hz
Scene 5	Select color
<input type="text"/>	Select LED mode
<input type="text"/>	Please fill pulse/flashing frequency from 0.1 to 6 Hz
Scene 6	Select color
<input type="text"/>	Select LED mode
<input type="text"/>	Please fill pulse/flashing frequency from 0.1 to 6 Hz
Scene 7	Select color
<input type="text"/>	Select LED mode
<input type="text"/>	Please fill pulse/flashing frequency from 0.1 to 6 Hz

### Inquiry

We would like to offer you the pushbutton type IO-Link Touch Series 84 (Standard/Stainless Steel) which you have just configured.

Therefore, please fill out the following form with your current requirements. Of course, you can also list this separately in the e-mail if you would like to request further information.

Actual demand (pcs)	<input type="text"/>
Single purchase/ multiple use (frame request)	<input type="text"/>
Required duration (for frame order)	<input type="text"/>

### Miscellaneous

Do you have questions/comments?

You are welcome to enter them in the following field. Otherwise, our local sales team is available for consultation at any time

# EAO Contact.

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